



Max Bogl Group Uses BIM to Design New Stadium in Bucharest in Just Four Weeks

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Firm Receives Autodesk BIM Experience Award for Innovative Use of Autodesk Revit Architecture, Autodesk 3ds Max Design and Autodesk Navisworks Software

SAN RAFAEL, Calif., Oct 12, 2009 /PRNewswire-FirstCall via COMTEX/ -- Autodesk, Inc. (Nasdaq: ADSK), a world leader in 2D and 3D design, engineering and entertainment software, has announced that Max Bogl Group has been selected to receive the latest Autodesk BIM Experience Award. The Max Bogl Group is the largest private construction company in Germany. Founded in 1929, the group provides services for large-scale projects in structural engineering, transportation and civil engineering, tunneling, steel and plant construction, and system building construction.

The Max Bogl Group is being honored for its comprehensive use of a [building information modeling](#) (BIM) process to optimize its design-build and construction processes. Specifically, the award highlights the firm's most recent BIM process-based project, the new 55,000-seat [National Stadium in Bucharest, Romania](#), which is being constructed in partnership with [Astaldi](#), an Italian construction company. On this design-build project, Max Bogl used [Autodesk Revit Architecture](#) software to create a schematic design of the stadium in just four weeks. The team then used Autodesk Revit Architecture and [Autodesk 3ds Max Design](#) software to produce design visualizations and cinematic-quality walkthroughs for a strategic bid presentation that convinced the client to abandon its official design and move forward with Max Bogl's more visually striking design. During the detailed design phase the company used [Autodesk Navisworks](#) software for project coordination and 4D construction sequencing.

"Applying a BIM process, and leveraging software such as Autodesk Navisworks, allowed us to effectively manage design, project communication and overall design coordination workflows," said Dr. Frank Neuberger, head of technical IT applications for the Max Bogl Group. "We were able to develop an innovative digital process chain that uses BIM-based design information and links all stages of project development - from design through construction and management - to the digital design model."

The Autodesk BIM Experience Award celebrates professionals and educators around the world who are helping to drive industry transformation through building information modeling. Autodesk honors organizations for their innovation, leadership and excellence in implementing BIM with the help of core BIM products, including one or more of the Autodesk Revit platform products and/or [AutoCAD Civil 3D](#) software, and other Autodesk products that complement the BIM process, such as AutoCAD software.

BIM is an integrated process that allows architects, engineers and builders to explore a project digitally before it's built. Coordinated, reliable information is used throughout the process to design innovative projects, accurately visualize appearance for better communication, and simulate real-world performance for better understanding of important characteristics such as cost, scheduling and environmental impact. To promote the use of BIM throughout its organization and its partners, the Max Bogl Group has founded a BIM academy that develops training material and offers courses based on the experience the company has gained from its BIM-based projects.

About Autodesk

Autodesk, Inc., is a world leader in 2D and 3D design, engineering and entertainment software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software to help customers experience their ideas digitally before they are built. Fortune 100 companies - as well as the last 14 Academy Award winners for Best Visual Effects - use Autodesk software tools to design, visualize and simulate their ideas to save time and money, enhance quality, and foster innovation for competitive advantage.

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